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IAP20 Rec'd PCT/PTO 21 DEC 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q89971

Ichiro GONDA, et al

Appln. No.: National Stage of PCT/JP2004/014585

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: December 21, 2005

Examiner: Unknown

For: DYE-SENSITIZED SOLAR CELL

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT  
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filings a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/014585 dated January 18, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: U.S. Patent 4,927,721 corresponds to JP 01-220380 and U.S. Patent 6,706,961 B2 and U.S. Application Publication No. 2002/0139415 A1 corresponds to JP 2001-345469.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

**107531812**

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: December 21, 2005

<p>Substitute for Form 1449 A &amp; B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<i>Complete if Known</i>	
				Application Number	107561812
				Confirmation Number	Unknown
				Filing Date	December 21, 2005
				First Named Inventor	Ichiro GONDA
				Art Unit	Unknown
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	Q89971

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 4,927,721		05/22/1990	MICHAEL GRATZEL, ET AL
		US 5,084,365	A	01/28/1992	MICHAEL GRATZEL, ET AL
		US 6,706,961	B2	03/16/2004	KOICHI SHIMIZU, ET AL
		US 2002/0139415	A1	10/03/2002	KOICHI SHIMIZU, ET AL
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	1-220380	A	09/04/1989	SULZER AG	Abstract
		JP	2001-345469	A	12/14/2001	CANON KK	Abstract
		JP	2001-357897	A	12/26/2001	FUJI XEROX CO. LTD.	Abstract
		JP	2000-231942	A	08/22/2000	NIPPON KOGAKU KK	Abstract
		JP	2000-285977	A	10/13/2000	FUJI PHOTO FILM CO. LTD.	Abstract
		JP	2002-8740	A	01/11/2002	YAMAHA CORP.	Abstract
		JP	2001-93590	A	04/06/2001	CANON INC.	Abstract
		JP	2002-94096	A	03/29/2002	CANON INC.	Abstract
		JP	2002-313443	A	10/25/2002	AISIN SEIKI CO., LTD.	Abstract
		JP	2003-123863	A	04/25/2003	mitsui chemicals, inc.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		BRIAN O'REGAN, ET AL, "A LOW-COST, HIGH-EFFICIENCY SOLAR CELL BASED ON DYE-SENSITIZED COLLOIDAL TiO <sub>2</sub> FILMS, NATURE, Vol. 353, October 24, 1991, pages 737-740	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.